ABSTRACT OF THE DISCLOSURE

A wound coil member alternately includes first ring layers and second ring layers in a row. The first ring layer is formed in a manner that a coil wire is concentrically and inwardly wound by the given number of turns. By contrast, the second ring layer is formed in a manner that the coil wire is concentrically and outwardly wound by the certain number of turns. Here, a portion of the coil wire that transfers between the first ring layers and second ring layers does not cross over, but only runs upon any adjacent portions of the coil wire. As a result, even after the wound coil member is compressed, the compressed coil member does not easily involve a local deformation. Breakage of the coil wire, reduction of the cross sectional area, or damage of the coating can be thereby restricted.